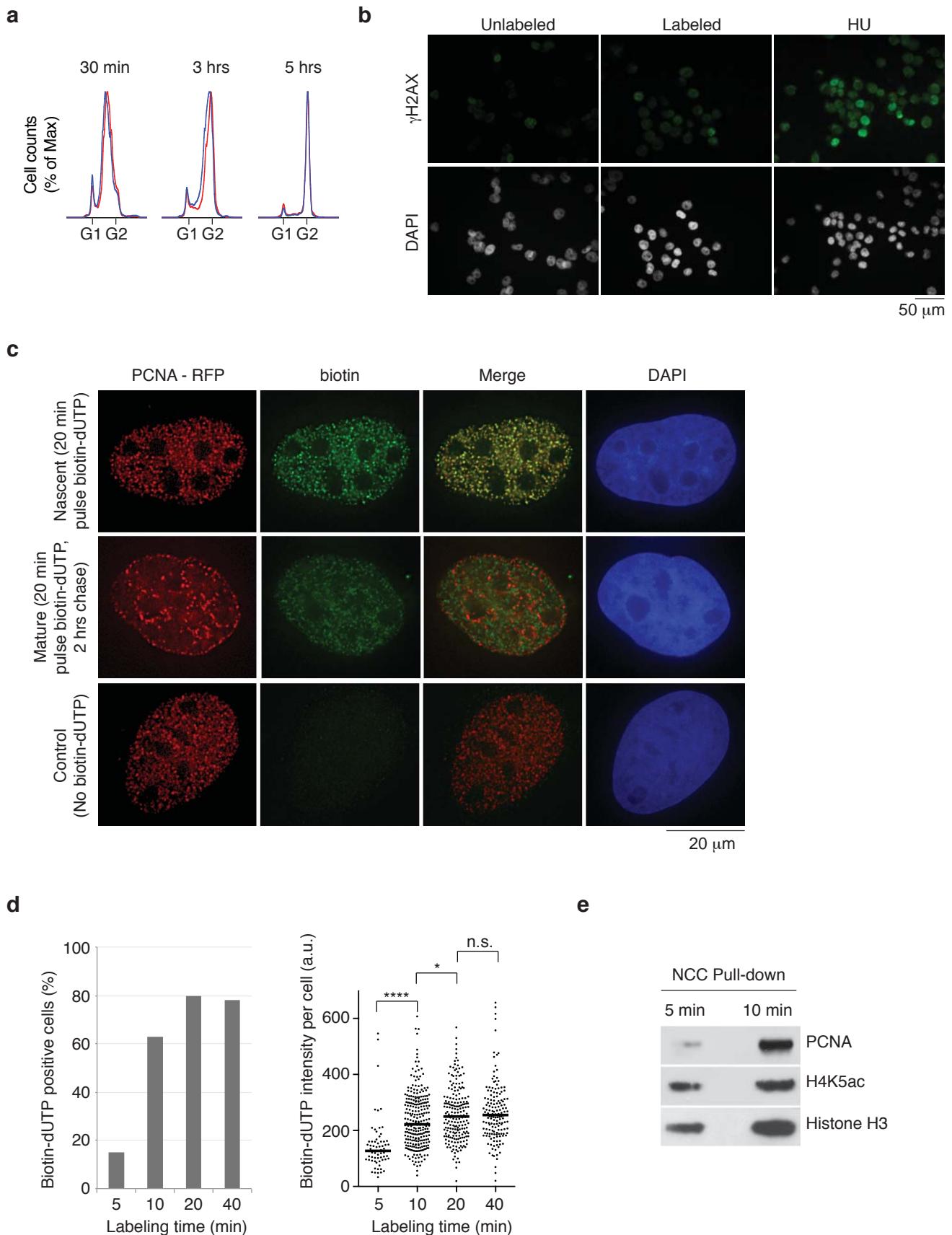
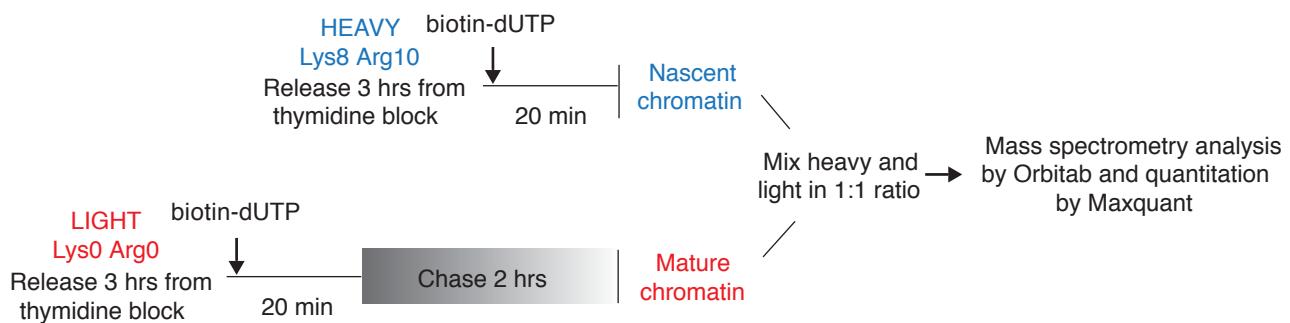


Alabert et al. Supplementary Figure 1

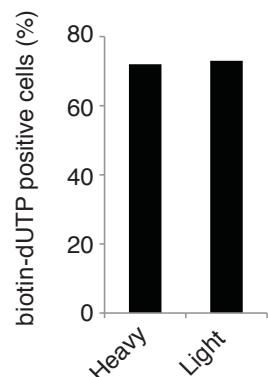


Alabert et al. Supplementary Figure 2

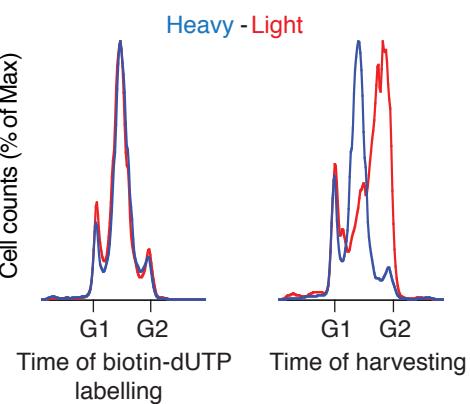
a



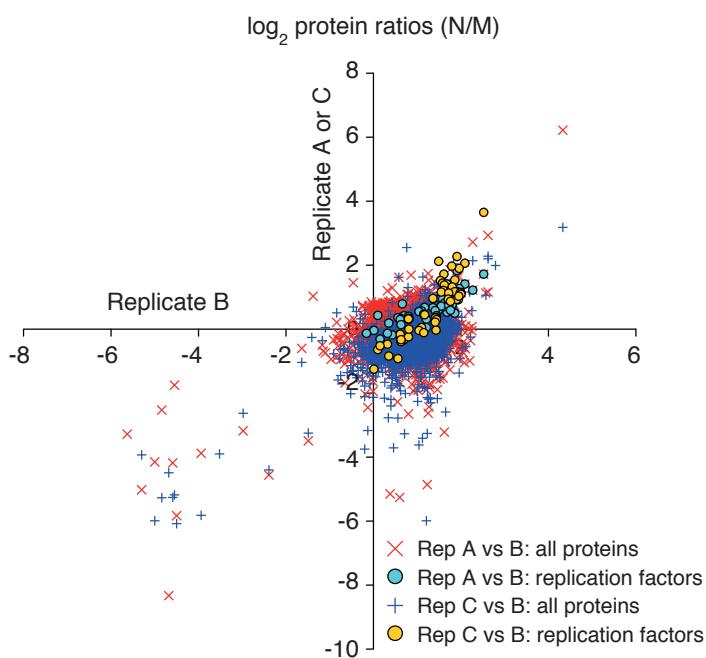
b



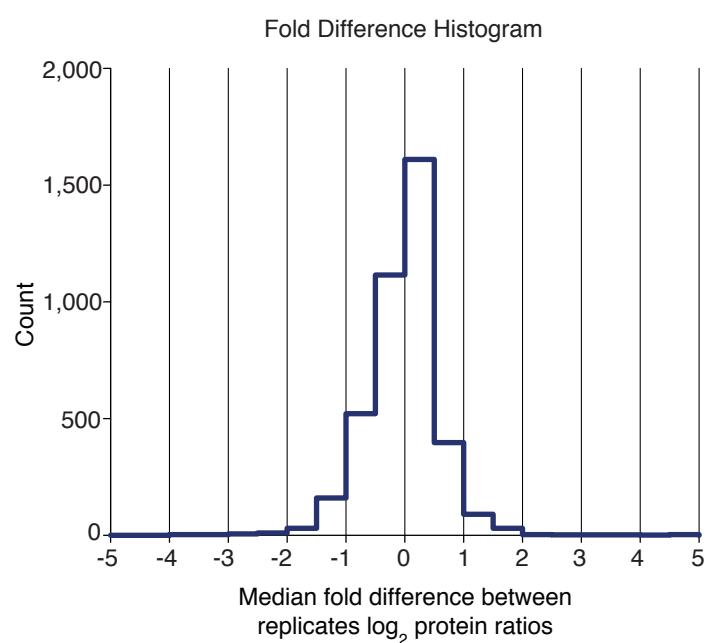
c



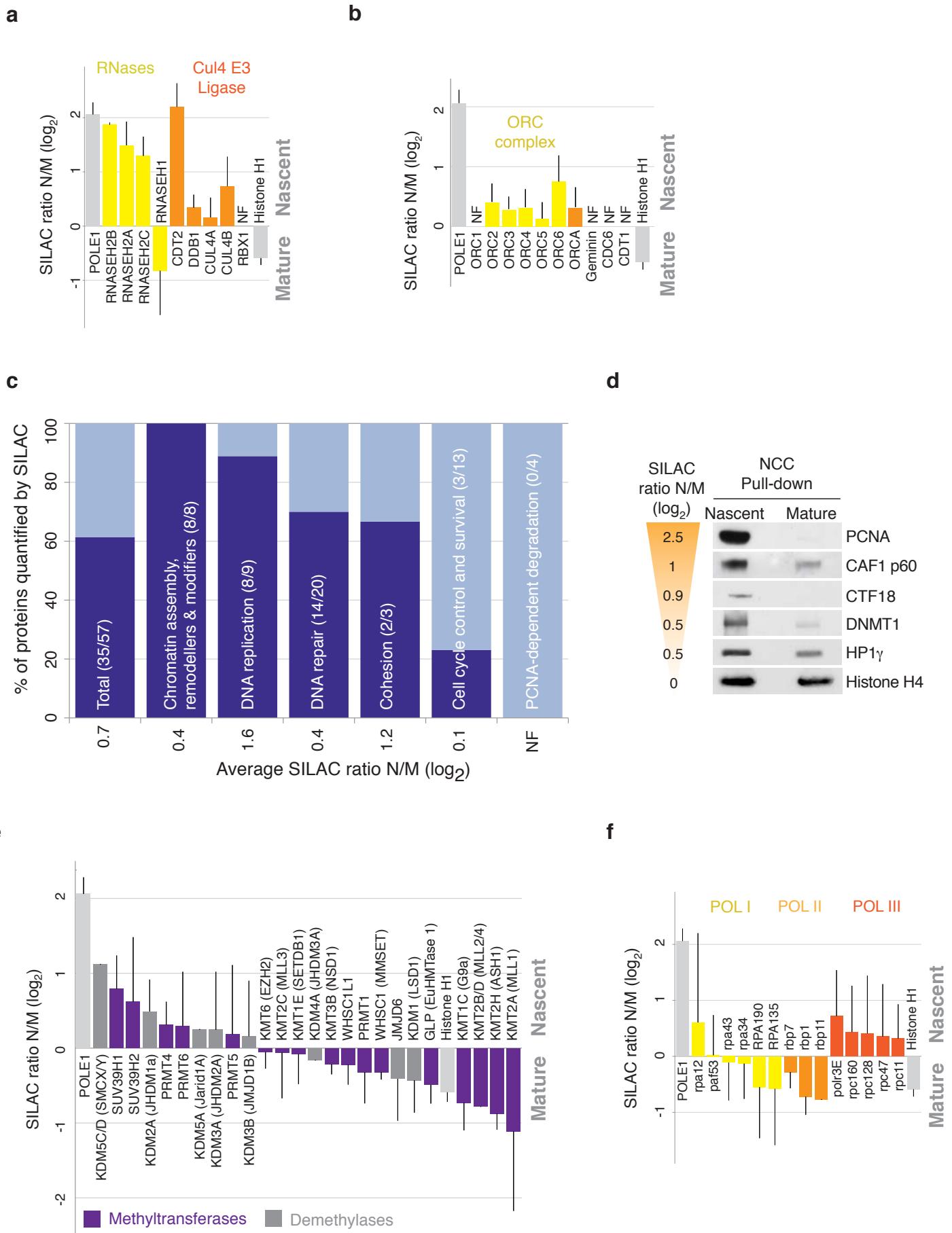
d



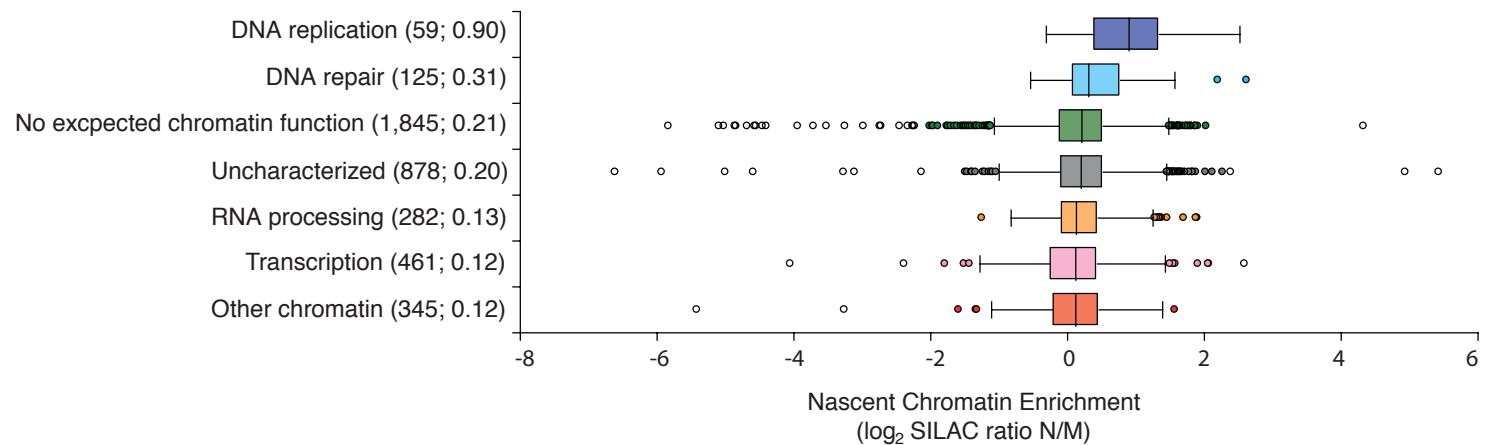
e



Alabert et al. Supplementary Figure 3

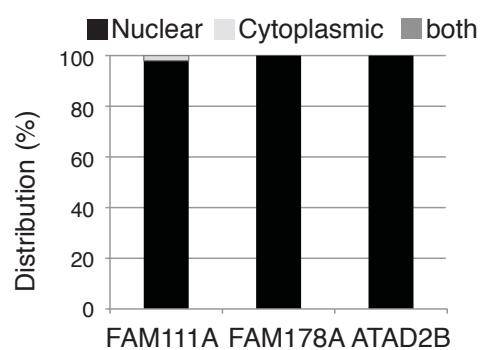


# Alabert et al. Supplementary Figure 4

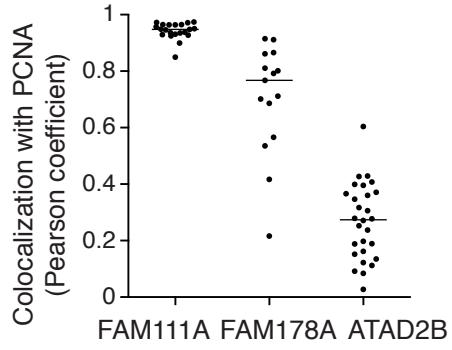


Alabert et al. Supplementary Figure 5

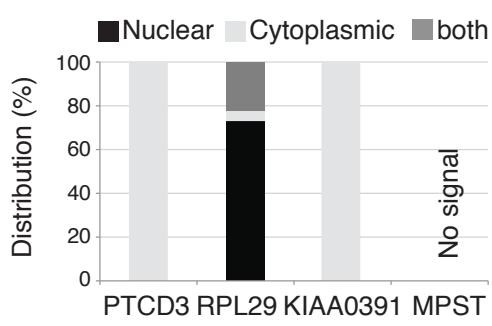
a



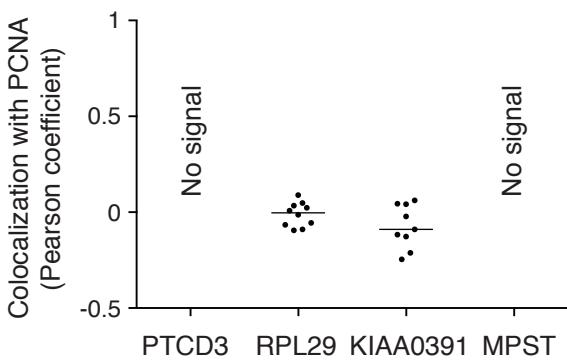
b



c



d



# Alabert et al. Supplementary Figure 6

a

**FAM111A**

PIP Box: E R K N M K | K A Y F S P V

H. Sapiens: E K C N M K I E H Y F S P V

P. troglodytes: E K C N T K I E Q Y F S P V

C. lupus: E K S N M K I E H Y F P Q V

M. musculus: P R K N K K I K D Y F S Q V

R. norvegicus: T R K N K K I K D Y F S Q V

Consensus: E K X N X K I E X Y F S Q V

**FAM178A**

APIM: M S L T K Y L A K G A G |

H. sapiens: S L A S K Y L A K G T N I

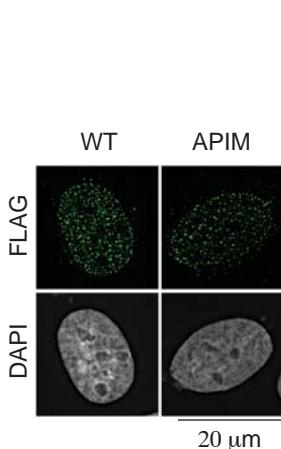
P. troglodytes: S L A S K Y L A K G T N I

M. musculus: M S L S K Y L P K G A G I

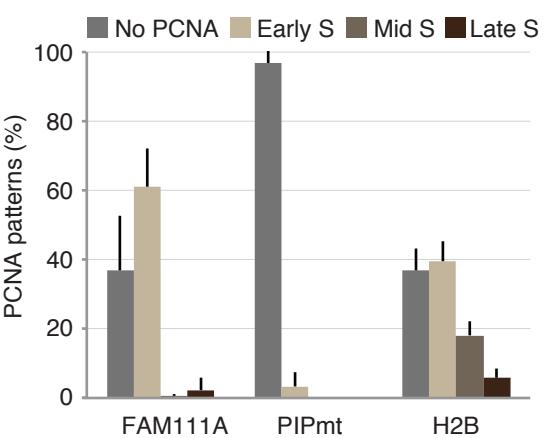
R. norvegicus: S L S T K Y L P K G A G I

Consensus: S L A S K Y L X K G X X I

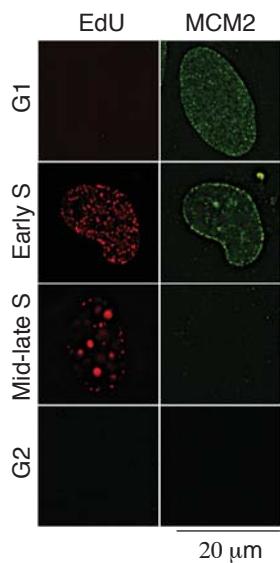
b



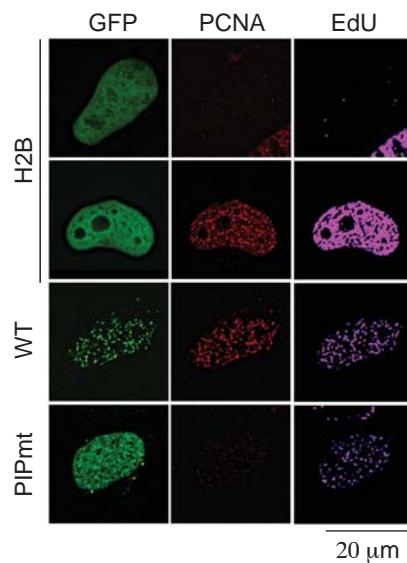
c



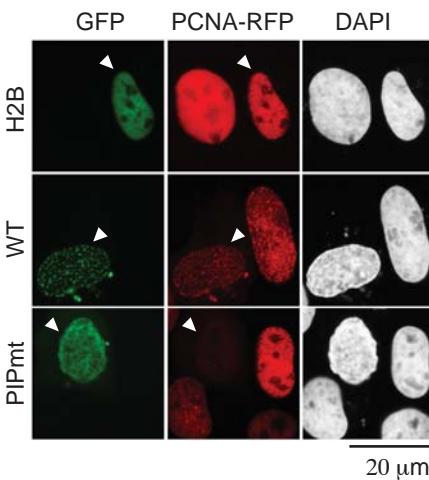
d



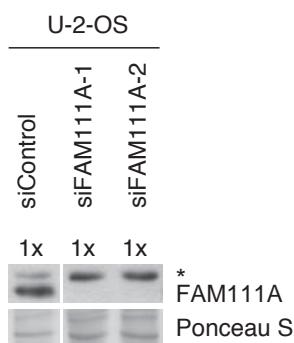
e



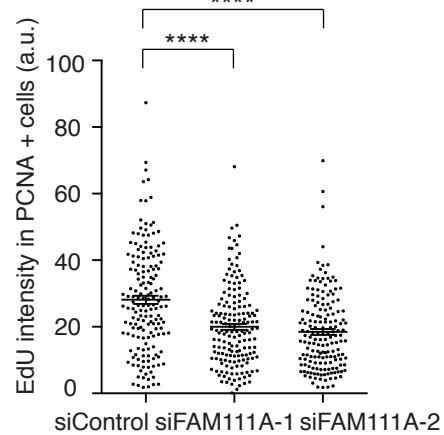
f



g



h



i

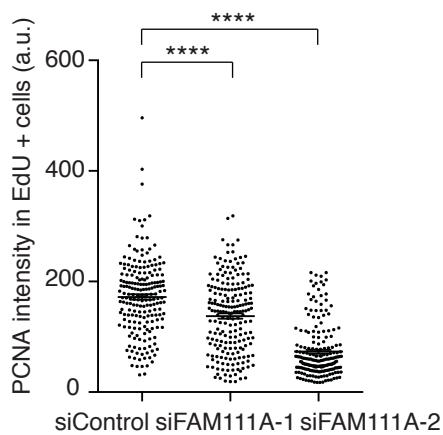


Figure 1f

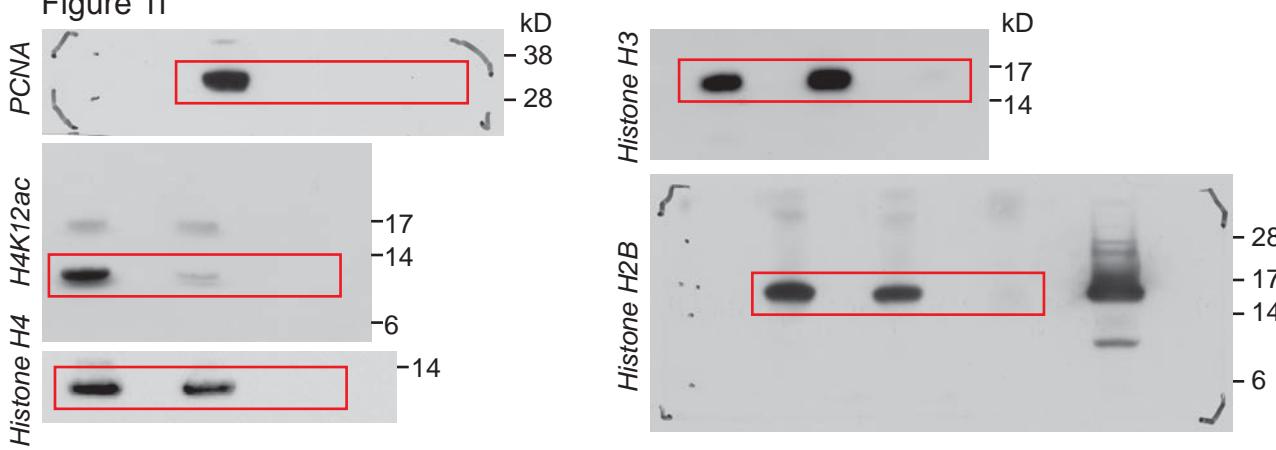


Figure 4a

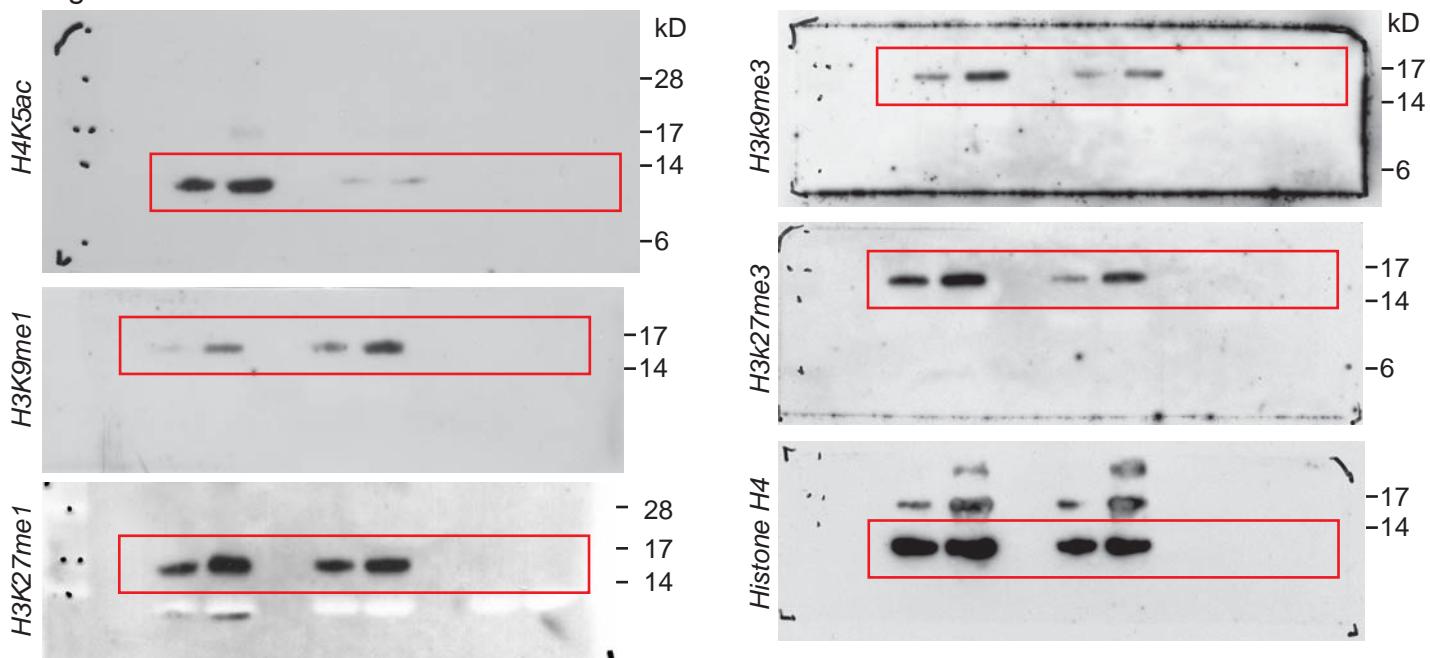


Figure 4b

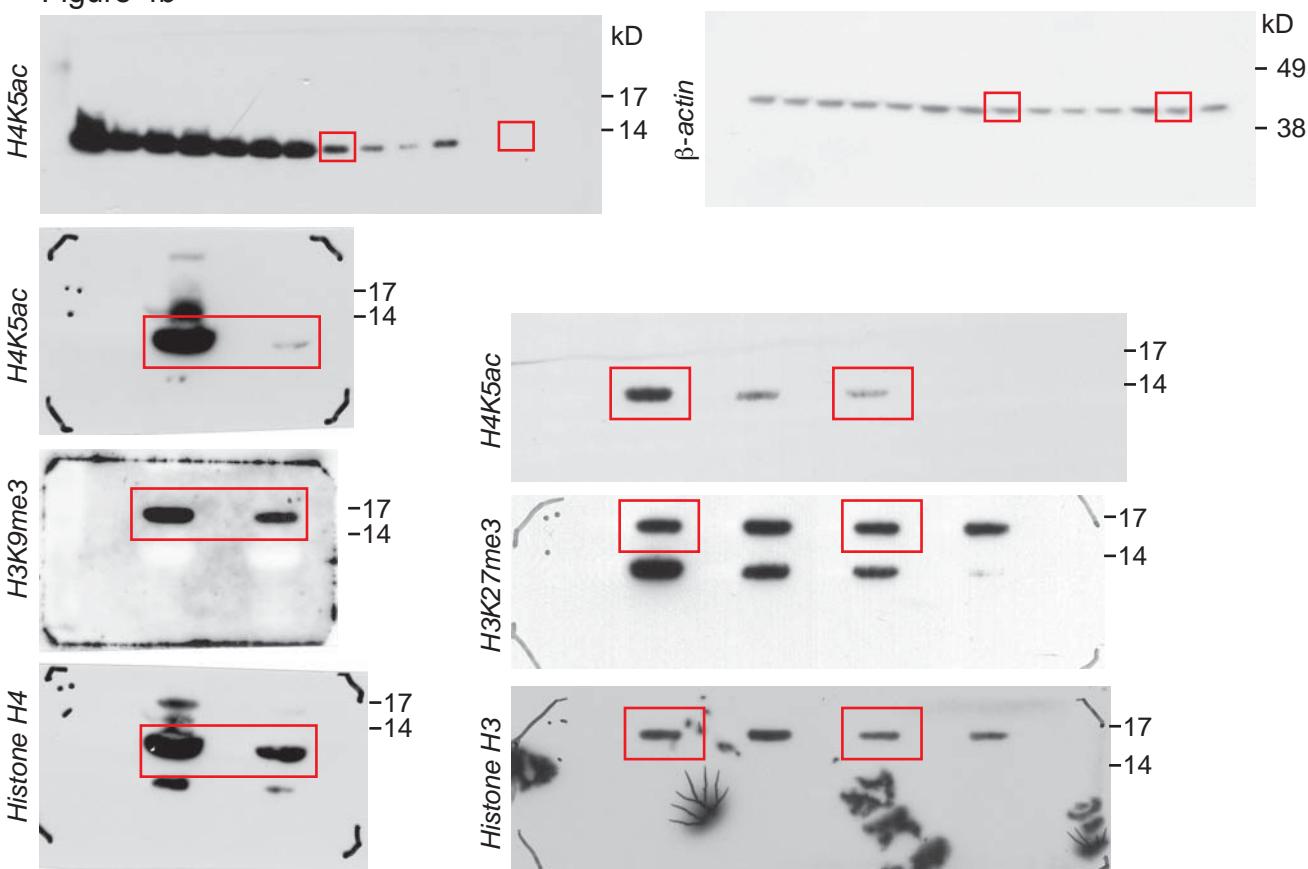


Figure 6f

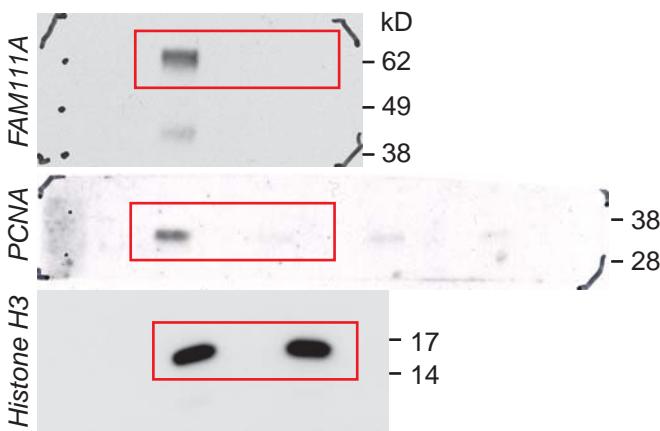


Figure 6g

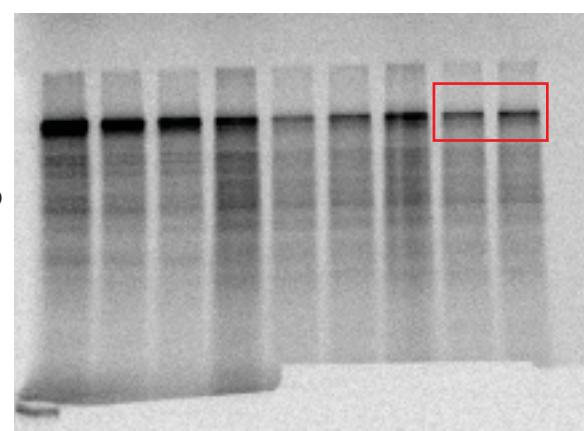


Figure 6g

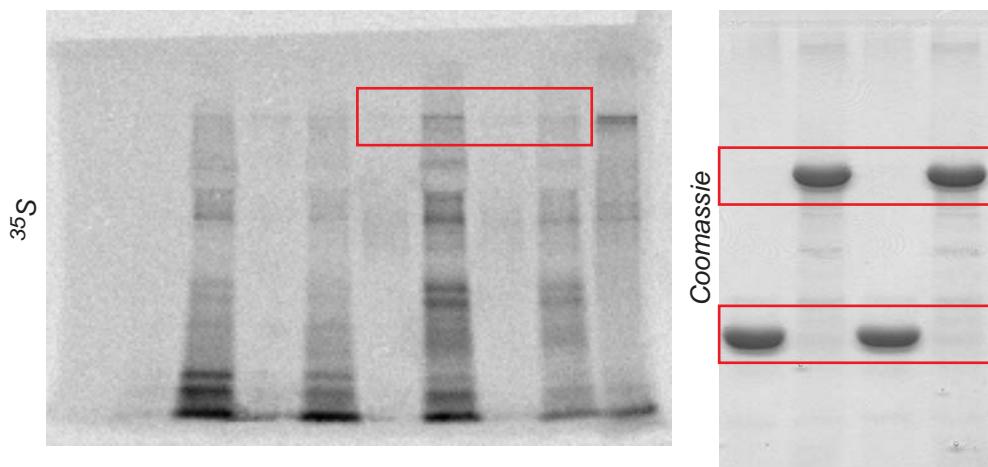
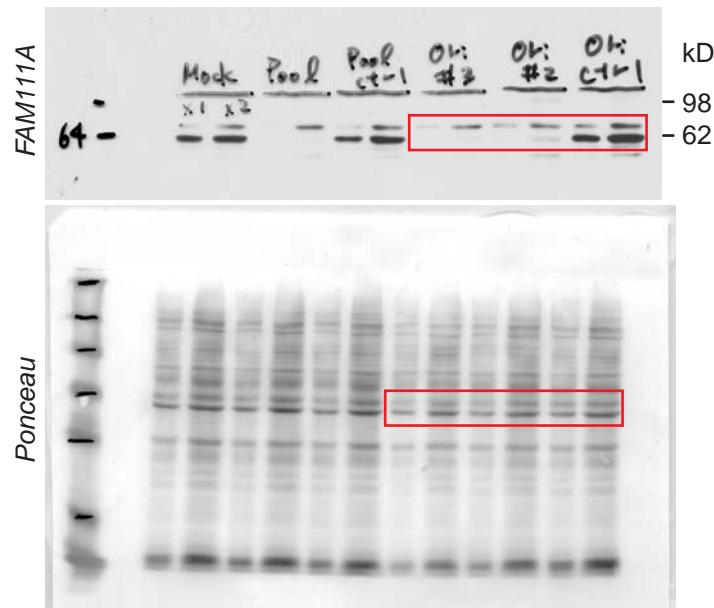
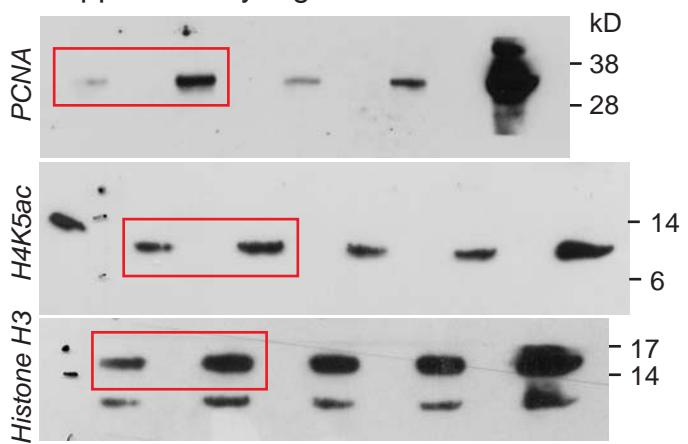


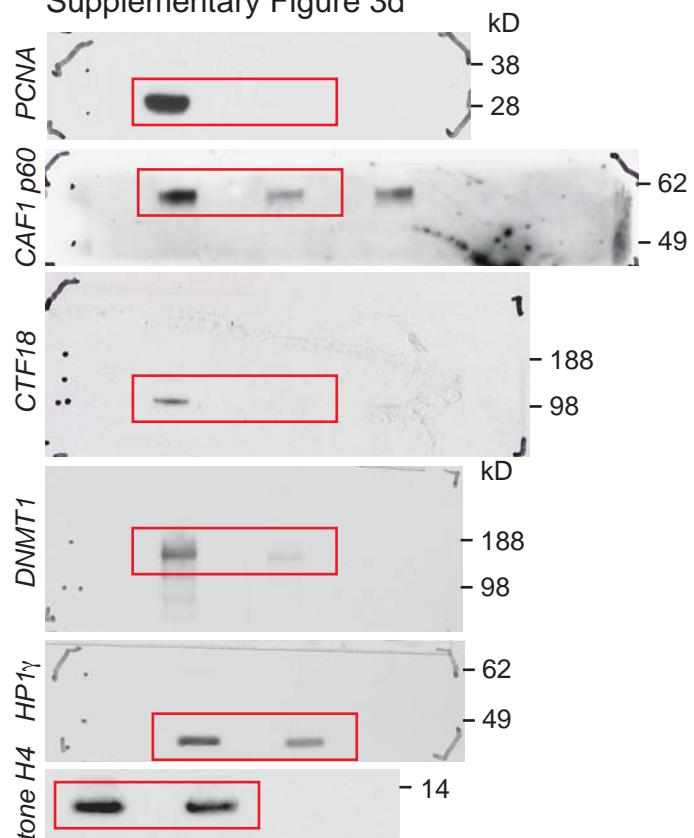
Figure 7g



Supplementary Figure 1e



Supplementary Figure 3d



Supplementary Figure 6g

